

TABLE II-19

Radioactivity Data for Idle Facilities

	<u>R Area</u>		<u>L Area</u>		<u>HWCTR</u>	
	1964	1975	1968	1975	1965	1975
Radiation intensity at 3 inches from process water piping, mR/hr	1,000	5	1,000	3	6 to 35 ^a	0.5 to 5 ^b
Process area transferable contamination, beta-gamma counts/(min-ft ²)	50,000	3,000	1,000	500	<500	<500
Dose rate in R or L pump room or HWCTR Building, mR/hr	10	5		5	1 to 25	0.5 to .5
Basin Water						
Level, ft below normal	~0	~4½	~0	~3	Empty	Empty
Radioactivity concentration, µCi/ml						
Tritium		0.09		0.03		
¹³⁷ Cs		2.9x10 ⁻⁶		4.9x10 ⁻⁶		
Radioactive inventory, Ci						
Tritium		1,800		340		
¹³⁷ Cs		0.6		0.06		
Dose rate in basin, mR/hr						
At basin floor, at 2 ft		2,000 ^a				
At area floor level		5-100		1		

a. Up to 1000 mR/hr in a few isolated locations.

b. Up to 200 mR/hr in isolated locations.

c. Dropped reactor components and debris are present on the floor of a dry portion of the R-Area basin.